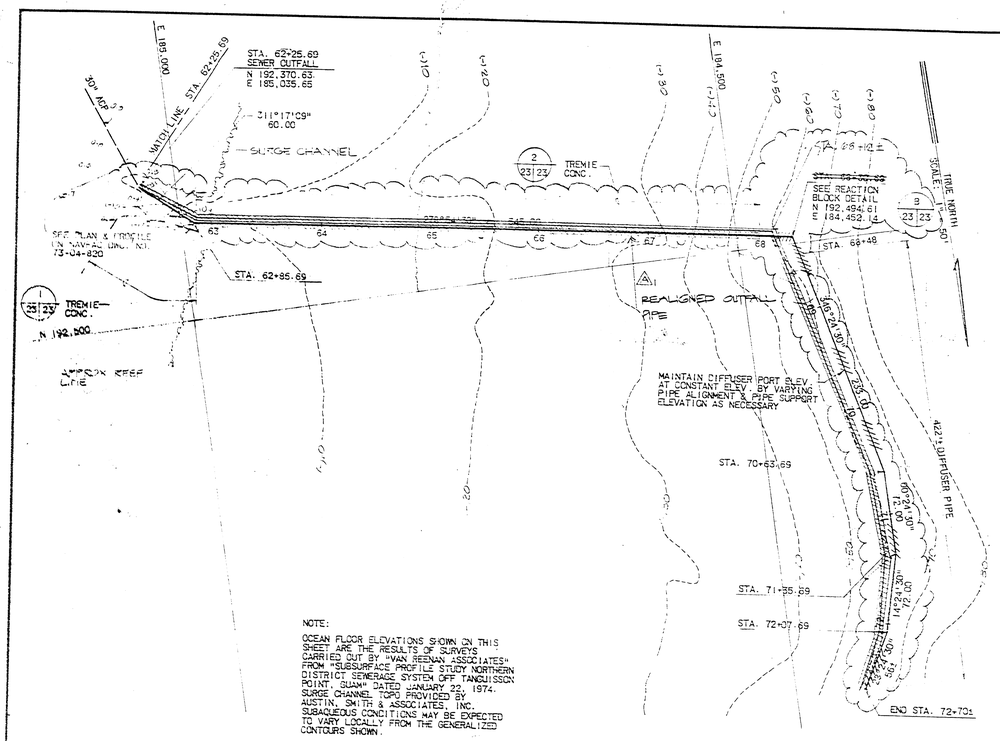
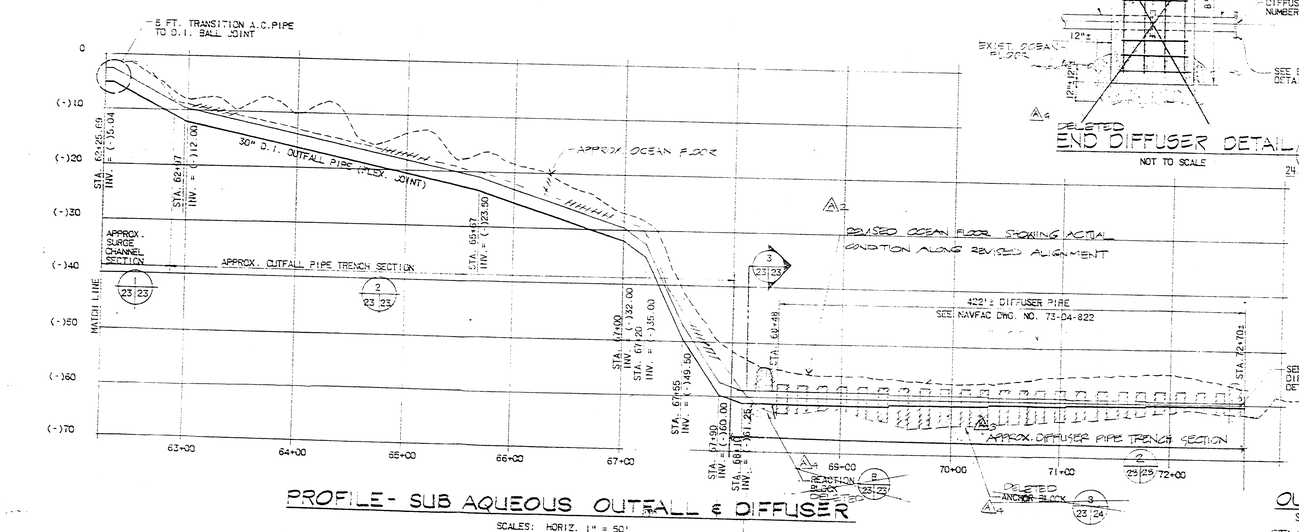


NOTE:

OCEAN FLOOR ELEVATIONS SHOWN ON THIS SHEET ARE THE RESULTS OF SURVEYS CARRIED OUT BY "VAN REENAN ASSOCIATES" FROM "SUBSURFACE PROFILE STUDY NORTHERN DISTRICT SEWERAGE SYSTEM OFF TANGUISSON POINT, GUAM" DATED JANUARY 22, 1974. SURGE CHANNEL TOPO PROVIDED BY AUSTIN, SMITH & ASSOCIATES, INC. SUBAQUEOUS CONDITIONS MAY BE EXPECTED TO VARY LOCALLY FROM THE GENERALIZED CONTOURS SHOWN.

PLAN - SUB AQUEOUS OUTFALL & DIFFUSER

SCALE: 1" = 50'

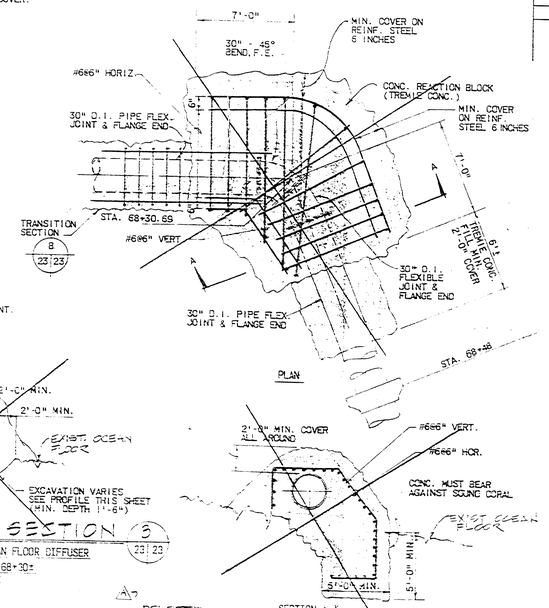


PROFILE - SUB AQUEOUS OUTFALL & DIFFUSER

SCALES: HORIZ. 1" = 50'
VERT. 1" = 10'

NOTE:

ALL UNDERWATER REINFORCING STEEL TO HAVE A MIN. OF 6" COVER.

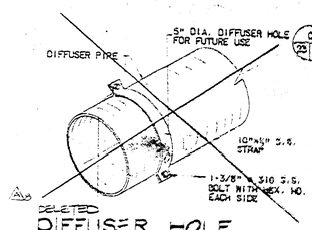


DELETED
TRANSITION SECTION 8

FROM FULL BURY TO ABOVE OCEAN FLOOR DIFFUSER
STA. 68+00± TO STA. 68+30±
NOT TO SCALE

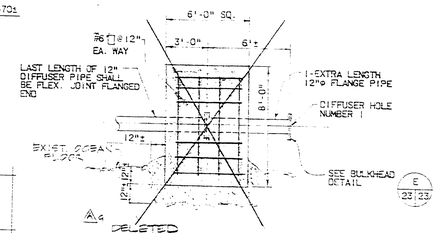
DELETED
REACTION BLOCK DETAIL B

SCALE: ¼" = 1'-0"



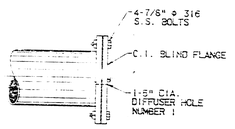
DELETED
DIFFUSER HOLE PLUG DETAIL A

NOT TO SCALE



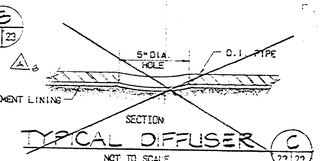
DELETED
END DIFFUSER DETAIL D

NOT TO SCALE



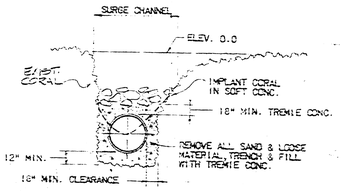
BULKHEAD DETAIL E

NOT TO SCALE



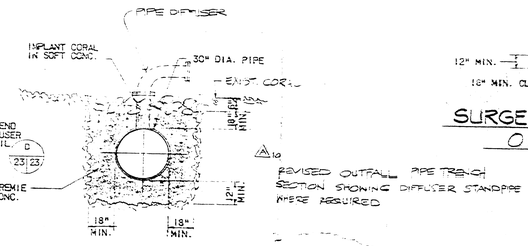
TYPICAL DIFFUSER C

NOT TO SCALE



SURGE CHANNEL SECTION OUTFALL PIPE 1

STA. 52+25± TO STA. 62+85
NOT TO SCALE



OUTFALL PIPE TRENCH SECTION 2

STA. 50+75± TO STA. 62+25± & STA. 62+88± TO STA. 68+00±
STA. 68+00 TO STA. 72+70± NOT TO SCALE

GRAPHIC SCALES IN FEET

1" = 10' 10' 0 10' 20' 30' 40'
1" = 50' 50' 0' 50' 100' 150' 200'
1" = 1'-0" 5' 0' 5' 10' 15'

ASA AUSTIN, SMITH & ASSOC., INC. ENGINEERS · HAWAII · GUAM

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
OFFICER IN CHARGE OF CONSTRUCTION
NAVAL FACILITIES ENGINEERING COMMAND CONTRACTS, MARIANAS
GUAM, M. I.

NORTHERN DISTRICT SEWERAGE SYSTEM
NORTHERN LINK AND TREATMENT PLANT
GUM, MARIANA ISLANDS

OUTFALL SEWER AND DIFFUSER DETAILS

DATE 4 | DR S.G. Rodriguez
MAP R.S. | CH DRW C.T.
SUBMITTED BY | DATE 1/75
CHGE DWG | DATE 7/14/75
APPROVED | DATE
OFFICER IN CHARGE | DATE
APPROVED FOR COMMANDER, NAVFAC | DATE 7-23-75

SIZE F | CODE IDENT NO 80091 | NAVFAC DRAWING NO 73-04-821
CONTR. CONTRACT NO. N62786 74-C-0346
SCALE AS SHOWN | SPEC. 61-74-0730 | SHEET 23 OF 24

JOB NO. 1574E